

June 2001

AFMC Announcements

Reassignments

Bruce A. Rasmussen

FROM: DR-IV, Principal Materials Engineer, Acquisition Systems Support Branch, Systems Support Division, Materials and Manufacturing Directorate, AFRL/MLSC, Wright-Patterson AFB, Ohio

TO: DR-IV, Principal Materials Engineer, Systems Support Division, AFRL/MLS, Wright-Patterson AFB

Eff date: 8 Apr 01

John W. Hines

FROM: DR-IV, Principal Electronics Engineer, Wright Research Site, Information Directorate, AFRL/IFW, Wright-Patterson AFB

TO: DR-IV, Principal Electronics Engineer, Platform Connectivity Branch, Information Grid Division, Information Directorate, AFRL/IFGD, Wright-Patterson AFB

Eff date: 6 May 01

William E. Russell, Jr.

FROM: DR-IV, Chief, Manufacturing and Engineering Systems Branch, Manufacturing Technology Division, Materials and Manufacturing Directorate, AFRL/MLMS, Wright-Patterson AFB

TO: DR-IV, Chief, Electronics Branch, Manufacturing Technology Division, Materials and Manufacturing Directorate, AFRL/MLME, Wright-Patterson AFB

Eff date: 6 May 01

Mark M. Hoffman

FROM: DR-IV, Principal Computer Scientist, Sustainment Logistics Branch, Deployment and Sustainment Division, Human Effectiveness Directorate, AFRL/HESS, Wright-Patterson AFB

TO: DR-IV, Chief, Sustainment Logistics Branch, Deployment and Sustainment Division, Human Effectiveness Directorate, AFRL/HESS, Wright-Patterson AFB

Eff date: 20 May 01

Charles L. Strecker

FROM: DR-IV, Chief, Program Support Division, Wright Research Site, AFRL, Wright-Patterson AFB

TO: DR-IV, Deputy Chief, Electro-Optical Sensor Technology Division, Sensors Directorate, AFRL/SNJ, Wright-Patterson AFB

Eff. date: 20 May 01

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Reassignments

Donald L. Tomlinson

FROM: DR-IV, Deputy Chief, Electro-Optical Sensor Technology Division, Sensors Directorate, AFRL/SNJ, Wright-Patterson AFB

TO: DR-IV, Chief, Integration and Operations Division, Sensors Directorate, AFRL/SNO, Wright Patterson AFB

EFF date: 20 May 01

Retirements

Dr. Nicholas J. Pagano

From: Senior Scientist, Composite Micromechanics, AFRL/ML, Wright-Patterson AFB

Retired: 31 Mar 01

Dr. H. Lee Task

From: Senior Scientist, Human-System Interface, AFRL/HE, Wright-Patterson AFB

Retires: 3 Jun 01

Air Vehicles Directorate Develops New Management Tool

WRIGHT-PATTERSON AIR FORCE BASE, Ohio – If you're looking for assistance with project management issues, there's a new tool to help you. Developed by Air Force Research Laboratory's (AFRL) Air Vehicles Directorate here, it's called the Joint Aeronautical Commanders Group (JACG) Science and Technology Database and Website, at <https://jacg.wpafb.af.mil>.

Established under sponsorship of the JACG Science and Technology Board, the new tool is available to all Department of Defense (DoD), National Aeronautics and Space Administration (NASA), and Federal Aviation Administration (FAA) employees.

Used mostly for tracking budgets and projects, as well as reporting, the user-friendly JACG has been improved to fit user needs, according to Curt Cosenza, database administrator and support contractor, RCF Information Systems, Beavercreek, Ohio. It provides multiple search features, including keyword search of current, national science and technology efforts, with links to related programs. @

On-line access to AFRL's Biodynamics Data Bank

by Tiffany Pitts, ASC Public Affairs

WRIGHT-PATTERSON AIR FORCE BASE, Ohio— Ever wonder what happened to Neil Armstrong when he had to eject from the lunar lander just moments before it crashed in training? Or, what type of impact a car crash may have on humans? Now you can use a data source that helps you understand. The Air Force Research Laboratory (AFRL) Biodynamics Data Bank (BDB) is now available on the web at www.biodyn.wpafb.af.mil. The BDB is a unique repository of over 7,500 impact acceleration tests, with both human volunteers and test dummies, covering more than 25 years of in-house research at AFRL's Biodynamics and Acceleration Branch.

Users can browse the contents as a guest, or become a registered user in order to download data files and view more detailed information. According to Scott Hall, technology transfer manager, the test data can be used to predict dynamic cervical (neck) and lumbar (lower back) exposure at selected levels of acceleration with a wide range of conditions. In addition, the human subject data can be employed in the development and validation of biodynamic response and injury models. For some of the tests, users can watch slow-motion videos to see how humans or dummies respond to impact from various directions.

If you have questions, experienced biomedical, mechanical and aerospace engineers at AFRL are available on-line for consultation. @